

Name: Jeanette Roller

Project Name: KBFI

Output File: KBFI CBAIN1 SID RW32L

CBAIN 20170213 1131

Procedure Name: CBAIN1

Software: RNAV-Pro™

Version: 2.39

Date/Time: 2/13/2017 11:31:35 AM

Input File: KBFI CBAIN SID RW32L

CBAIN 20160720_1458.txt

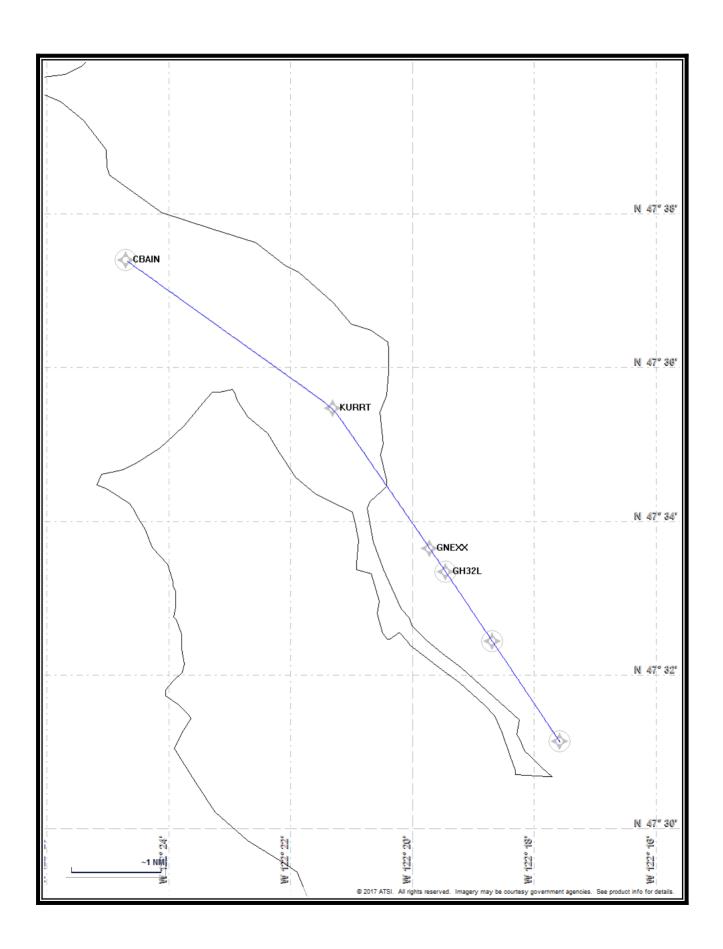
Databases: AIRNAV Date: 2/8/2017

CIFP Date: 8/18/2016

DTED® (MAX) Date: 2002

Results Summary: Flyability Please Check Flyability Results DME/DME No Critical DMEs Exist Radars Comms TERPS

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Flight Plan					Return To Summary		
Name	Туре	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RW32L(WP	N 47° 31' 7.84" W 122° 17' 34.84"	20.8	VNAV	0.0	Fly Over	TF
RW14R(WP	N 47° 32' 25.95" W 122° 18' 40.88"	52.3	VNAV	130.0	Fly Over	VA
GH32L	WP	N 47° 33' 20.36" W 122° 19' 26.89"	540.0	VNAV	145.0	Fly Over	DF
GNEXX	WP	N 47° 33' 38.35" W 122° 19' 42.37"	741.7	VNAV	145.0	Fly By	TF
KURRT	WP	N 47° 35' 28.05" W 122° 21' 17.70"	1760.4	VNAV	145.0	Fly By	TF
CBAIN	WP	N 47° 37' 23.66" W 122° 24' 41.51"	2360.4	VNAV	145.0	Fly Over	TF

Climb Gradient:

Table:

500.0 ft/NM up to 540.0 ft MSL 480.0 ft/NM up to 1400.0 ft MSL

Flyability		Return To Summary
Settings:	Flight Type: Runway Departure Selected Airport: KBFI Aircraft Category: Cat D Climb Gradient:	
	Table: 500.0 ft/NM up to 540.0 ft MSL 480.0 ft/NM up to 1400.0 ft MSL	
	Ground Speeds: Departure: 120.0 Kts out to 10.0 NM Table: 200.0 Kts up to 11000.0 ft 240.0 Kts up to 18000.0 ft 260.0 Kts up to 24000.0 ft 340.0 Kts up to 99900.0 ft	
	Wind Settings: None assigned	

Flight Track comes into contact with terrain. Minimum AGL along route was -302.64 Ft. Flight Track contacted terrain (DTED 0 MAX) between AER and DER or within 2/3 NM of DER.

Descent During a Turn: Allowed

VNAV Mode: Flight Plan

DME/DMEReturn To Summary

RNP: 2.0

Flight Mode: Manual

Settings: Line of Sight (DTED Level 0 Max): Evaluated

DME Restrictions: Evaluated

Inertial Drift: Enabled
Initial Drift: 0 165 NM

INS Drift Rate: 8.000 NM/Hour

Range Mode: OSV

Co-Frequencies: Evaluated RNP Edges: Evaluated Min DME Range: 3.0 NM Allowed Gap Length: 4.0 NM

DME Types: VOR/DME, VORTAC, Standalone, and User

DME Include Angles: 30 to 150

Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included

Low DMEs: Included
Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated

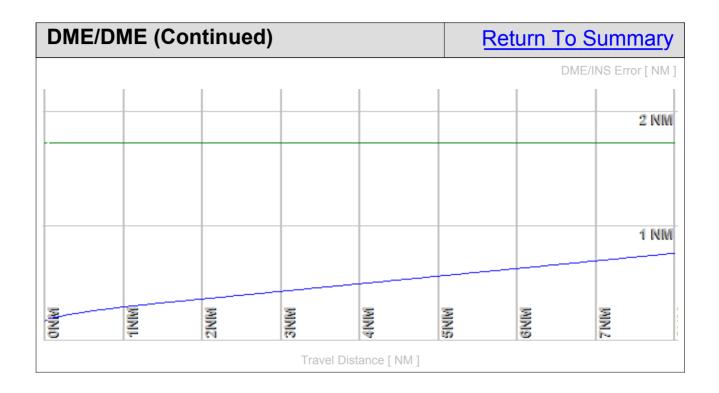
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 0

Maximum DME Error Could not be Derived with < 2 DMEs.

No Critical DMEs were found. **Available DMEs:** SEA, PAE

Foreign DMEs within range: YDC, YVR, YYJ



DME/DME (Continued)					Ē	Return To Summary		
Flight Check DME Selection								
Distance [NM]		Selected DME	s				Alternate	
0.0								
1.5								
2.5								
2.9		SEA	PAE					
4.8		SEA	PAE					
In	Inertial Drift Segments							
#	Start Location	1		End Location			Length [NM]	
1	N 47° 31' 7.84"	W 122° 17' 34.8	4"	N 47° 37' 23.54" W 122° 24' 41.30"			8.0	
	VOR: SEA Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"					·		
	VOR: BFI Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"							
VOR: TCMA A			Avai	ilable from N 47° 3 to N 47° 37		2° 17' 34.84" 22° 24' 41.30"		
VOR: TCM Avai			ilable from N 47° 3 to N 47° 37		2° 17' 34.84" 22° 24' 41.30"			
VOR: SEA Available from N 47° 31' 7.8- to N 47° 37' 23.5								
	VOR: PAE Available from N 47° 31' 7.84" W 122° 17' 34.84" to N 47° 37' 23.54" W 122° 24' 41.30"							
VOR: CVV			Availa	able from N 47° 36' to N 47° 37		2° 23' 53.70" 22° 24' 41.30"		

Available	DMEs by W	Return To Summary		
Waypoint Before	Waypoint After	DME List		
RW32L(AER)	RW14R(DER)			
RW14R(DER)	GH32L			
GH32L	GNEXX			
GNEXX	KURRT	PAE and SEA		
KURRT	CBAIN	PAE and SEA		